

ABSTRACT OF THE DISCLOSURE

It is an object of the present invention to provide a surface light-emitting device that can realize a lightweight and compact-profile optical input/output device with reasonable price, especially the one that emits light.

5 The beam generator 12 comprises a surface light-emitting device having a stacked-layer formed of a cathode 2, a luminescent layer 4 made of organic material(s) and an anode 6 in that order, the stacked-layer being located adjacent to a glass substrate 8. The anode 6 is a transparent electrode that is formed to correspond to a hologram pattern of a condensing lens. When a DC
10 voltage is applied between the cathode 2 and the anode 6 with the DC power source, the luminescent layer 4 illuminate corresponding to the hologram pattern of the condensing lens, and the light will converge to a focal point of the condensing lens. Therefore, the surface light-emitting device can play the both roles of the light source and the condensing lens. Thus, the use of
15 this surface light-emitting device permits realization of a lightweight and compact-profile beam generator with reasonable price.